

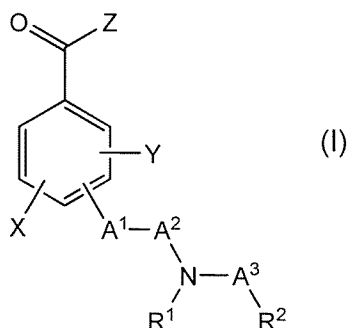
Listing of the Claims:

This listing of the claims will replace all prior versions, and listings, of the claims in the application:

Listing of Claims:

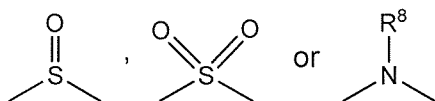
Claims 1-17. (Cancelled)

Claim 18. (Previously presented) A compound of formula (I)



in which

A¹ represents O or S, or represents a group

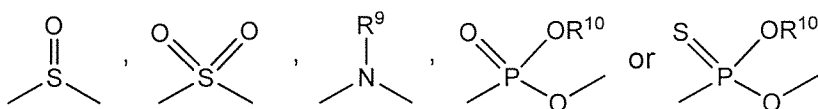


where

R⁸ represents hydrogen; represents optionally substituted alkyl, alkylcarbonylalkyl, alkoxycarbonylalkyl, alkylthio, alkylsulphinyl, alkylsulphonyl, alkenyl, alkenylcarbonylalkyl, alkenyloxycarbonylalkyl, alkynyl, alkynylcarbonylalkyl, alkynyloxycarbonylalkyl, cycloalkyl, cycloalkylcarbonylalkyl, cycloalkyloxycarbonylalkyl, cycloalkylalkyl, cycloalkylalkylcarbonylalkyl, cycloalkylalkoxycarbonylalkyl, aryl, arylcarbonylalkyl, aryloxycarbonylalkyl, arylalkyl, arylalkylcarbonylalkyl, or arylalkoxycarbonylalkyl,

A² represents alkanediyl, alkenediyl, or alkynediyl,

A³ represents O or S or represents a group

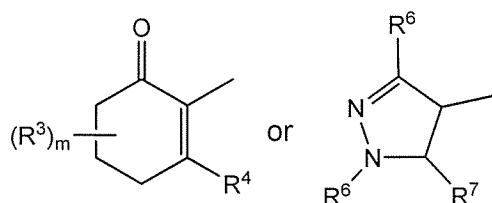


where

- R⁹ represents hydrogen; or represents optionally substituted alkyl, alkylcarbonyl, alkoxycarbonyl, alkylthio, alkylsulphinyl, alkylsulphonyl, alkenyl, alkenylcarbonyl, alkenyloxycarbonyl, alkynyl, alkynylcarbonyl, alkynyloxycarbonyl, cycloalkyl, cycloalkylcarbonyl, cycloalkyloxycarbonyl, cycloalkylalkyl, cycloalkylalkylcarbonyl, cycloalkylalkoxycarbonyl, aryl, arylcarbonyl, aryloxycarbonyl, arylalkyl, arylalkylcarbonyl, arylalkoxycarbonyl, heterocyclyl, heterocyclylcarbonyl, or heterocyclylalkyl; or R⁹ together with R² and the nitrogen to which they are attached represent an optionally substituted heterocycle, and
- R¹⁰ represents hydrogen; represents formyl; or represents optionally substituted alkyl, alkylcarbonyl, alkoxycarbonyl, alkylaminocarbonyl, dialkylaminocarbonyl, alkenyl, alkenylcarbonyl, alkenyloxycarbonyl, alkynyl, alkynylcarbonyl, alkynyloxycarbonyl, cycloalkyl, cycloalkylcarbonyl, cycloalkyloxycarbonyl, cycloalkylaminocarbonyl, cycloalkylalkyl, aryl, arylcarbonyl, aryloxycarbonyl, arylaminocarbonyl, arylalkyl, arylalkylcarbonyl, arylalkoxycarbonyl, heterocyclyl, heterocyclylcarbonyl, or heterocyclylalkyl,
- R¹ represents hydrogen; or represents optionally substituted alkyl, alkylthio, alkylsulphinyl, alkylsulphonyl, alkenyl, alkynyl, cycloalkyl, cycloalkylalkyl, aryl, arylalkyl, arylcarbonylalkyl, heterocyclyl, or heterocyclylalkyl,
- R² represents hydrogen; represents formyl; or represents optionally substituted alkyl, alkylcarbonyl, alkoxycarbonyl, alkylaminocarbonyl, dialkylaminocarbonyl, alkenyl, alkenylcarbonyl, alkenyloxycarbonyl, alkynyl, alkynylcarbonyl, alkynyloxycarbonyl, cycloalkyl, cycloalkylcarbonyl, cycloalkyloxycarbonyl, cycloalkylaminocarbonyl, cycloalkylalkyl, aryl, arylcarbonyl, aryloxycarbonyl, arylaminocarbonyl, arylalkyl, arylalkylcarbonyl, arylalkoxycarbonyl, heterocyclyl, heterocyclylcarbonyl, or heterocyclylalkyl,
- X represents hydrogen, nitro, cyano, carboxyl, carbamoyl, thiocarbamoyl, or halogen; or represents optionally substituted alkyl, alkoxy, alkylthio, alkylsulphinyl, alkylsulphonyl, alkylamino, dialkylamino, or dialkylaminosulphonyl,
- Y represents hydrogen, nitro, cyano, carboxyl, carbamoyl, thiocarbamoyl, or halogen; or represents optionally substituted alkyl, alkoxy, alkylthio,

alkylsulphinyl, alkylsulphonyl, alkylamino, dialkylamino, or dialkylaminosulphonyl, and

Z represents one of the groups



where

m represents the numbers 0 to 6,

R^3 represents hydrogen or halogen; or represents optionally substituted alkyl, alkylthio, or aryl; or when m represents 2, R^3 together with a second R^3 optionally represent oxygen or alkanediyl,

R^4 represents hydroxyl, formyloxy, or halogen; or represents optionally substituted alkoxy, cycloalkoxy, alkylthio, cycloalkylthio, alkylsulphinyl, alkylsulphonyl, alkylcarbonyloxy, alkoxycarbonyloxy, alkylaminocarbonyloxy, alkylsulphonyloxy, alkenyloxy, alkynyloxy, aryloxy, arylthio, arylsulphinyl, arylsulphonyl, arylcarbonyloxy, arylcarbonylalkoxy, arylsulphonyloxy, arylalkoxy, arylalkylthio, arylalkylsulphinyl, arylalkylsulphonyl, or heterocyclyl that contains at least one nitrogen atom and is attached via nitrogen,

R^5 represents hydrogen, cyano, carbamoyl, thiocarbamoyl, or halogen; or represents optionally substituted alkyl, alkoxy, alkylthio, alkylsulphinyl, alkylsulphonyl, alkoxycarbonyl, or cycloalkyl,

R^6 represents hydrogen; or represents optionally substituted alkyl, alkenyl, alkynyl, cycloalkyl, cycloalkylalkyl, aryl, or arylalkyl, and

R^7 represents hydroxyl or formyloxy; or represents optionally substituted alkoxy, cycloalkyl, alkylcarbonyloxy, alkoxycarbonyloxy, alkoxycarbonylalkoxy, alkylaminocarbonyloxy, alkylsulphonyloxy, alkenyloxy, alkynyloxy, arylalkoxy, arylcarbonyloxy, arylcarbonylalkoxy, arylsulphonyloxy, or aminocarbonyloxy.

Claim 19. (Previously presented) A compound according to claim 18 in which

A² represents alkanediyl having 1 to 6 carbon atoms or represents alkenediyl or alkynediyl having in each case 2 to 6 carbon atoms;

R¹ represents hydrogen; represents optionally hydroxyl-, amino-, cyano-, carbamoyl-, halogen-, C₁-C₄-alkoxy-, C₁-C₄-alkyl-carbonyl-, C₁-C₄-alkoxycarbonyl-, C₁-C₄-alkylaminocarbonyl-, di(C₁-C₄-alkyl)amino-, di(C₁-C₄-alkyl)amino-carbonyl-, or N-(C₁-C₄-alkoxy)-N-(C₁-C₄-alkyl)aminocarbonyl-substituted alkyl having 1 to 6 carbon atoms; represents optionally halogen-substituted alkylthio, alkylsulphinyl, or alkylsulphonyl having in each case 1 to 6 carbon atoms; represents optionally halogen-substituted alkenyl or alkynyl having in each case 2 to 6 carbon atoms; represents optionally cyano-, halogen-, or C₁-C₄-alkyl-substituted cycloalkyl, cycloalkylalkyl having in each case 3 to 6 carbon atoms in the cycloalkyl groups and, if appropriate, 1 to 4 carbon atoms in the alkyl moiety; represents optionally cyano-, nitro-, halogen-, C₁-C₄-alkyl-, C₁-C₄-haloalkyl-, C₁-C₄-alkoxy-, or C₁-C₄-haloalkoxy-substituted aryl, arylalkyl, or arylcarbonylalkyl having in each case 6 or 10 carbon atoms in the aryl groups and, if appropriate, 1 to 4 carbon atoms in the alkyl moiety; or represents optionally nitro-, cyano-, halogen-, C₁-C₄-alkyl-, C₁-C₄-haloalkyl-, C₁-C₄-alkoxy-, or C₁-C₄-haloalkoxy-substituted heterocyclyl or heterocyclylalkyl where in each case the heterocyclyl grouping contains up to 10 carbon atoms and at least one heteroatom selected from the group consisting of N (but at most 5 N atoms), O (but at most 2 O atoms), S (but at most 2 S atoms), SO, and SO₂, and optionally contains one group selected from the group consisting of oxo (C=O), thioxo (C=S), imino (C=NH), cyanoimino (C=N-CN), and nitroimino (C=N-NO₂);

R² represents hydrogen; represents optionally cyano-, halogen-, C₁-C₄-alkoxy-, C₁-C₄-alkyl-carbonyl-, C₁-C₄-alkoxycarbonyl-, C₁-C₄-alkylaminocarbonyl-, or di(C₁-C₄-alkyl)aminocarbonyl-substituted alkyl having 1 to 6 carbon atoms; represents optionally cyano-, halogen- or C₁-C₄-alkoxy-substituted alkylcarbonyl, alkoxycarbonyl, or alkylaminocarbonyl having in each case 1 to 6 carbon atoms in the alkyl groups; represents dialkylaminocarbonyl having in each case 1 to 4 carbon atoms in the alkyl groups; represents optionally halogen-substituted alkenyl, alkenylcarbonyl, alkenyloxycarbonyl, alkynyl, alkynylcarbonyl, or alkynyloxycarbonyl having in each case 3 to 6 carbon

atoms in the alkenyl or alkynyl groups; represents optionally cyano-, halogen-, or C₁-C₄-alkyl-substituted cycloalkyl, cycloalkylcarbonyl, cycloalkyloxycarbonyl, cycloalkylalkyl, cycloalkylalkylcarbonyl, or cycloalkylalkoxycarbonyl having in each case 3 to 6 carbon atoms in the cycloalkyl groups and, if appropriate, 1 to 4 carbon atoms in the alkyl moiety; represents optionally nitro-, cyano-, halogen-, C₁-C₄-alkyl-, C₁-C₄-haloalkyl-, C₁-C₄-alkoxy-, or C₁-C₄-haloalkoxy-substituted aryl, arylcarbonyl, aryloxycarbonyl, arylaminocarbonyl, arylalkyl, arylalkylcarbonyl, arylalkoxycarbonyl, or arylalkylaminocarbonyl having in each case 6 or 10 carbon atoms in the aryl groups and, if appropriate, 1 to 4 carbon atoms in the alkyl moiety; or represents optionally nitro-, cyano-, halogen-, C₁-C₄-alkyl-, C₁-C₄-haloalkyl-, C₁-C₄-alkoxy-, or C₁-C₄-haloalkoxy-substituted heterocyclyl, heterocyclylcarbonyl, or heterocyclylalkyl, where the heterocyclyl group contains in each case up to 10 carbon atoms and at least one heteroatom selected from the group consisting of N (but at most 5 N atoms), O (but at most 2 O atoms), S (but at most 2 S atoms), SO, and SO₂, and optionally contains one group selected from the group consisting of oxo (C=O), thioxo (C=S), imino (C=NH), cyanoimino (C=N-CN), and nitroimino (C=N-NO₂);

R³ represents hydrogen or halogen; represents optionally cyano-, halogen-, C₁-C₄-alkoxy-, C₁-C₄-alkylthio-, C₁-C₄-alkylsulphinyl, or C₁-C₄-alkylsulphonyl-substituted alkyl or alkylthio having in each case 1 to 6 carbon atoms; or represents phenyl; or when m represents 2, R³ together with a second R³ optionally represents oxygen or alkanediyl having 3 to 5 carbon atoms;

R⁴ represents hydroxyl, formyloxy, or halogen; represents optionally cyano-, halogen-, C₁-C₄-alkoxy-, C₁-C₄-alkylthio-, C₁-C₄-alkylsulphinyl-, or C₁-C₄-alkylsulphonyl-substituted alkoxy, alkylthio, alkylsulphinyl, alkylsulphonyl, alkylcarbonyloxy, alkoxy carbonyloxy, alkylaminocarbonyloxy, or alkylsulphonyloxy having in each case 1 to 6 carbon atoms; represents optionally halogen-substituted alkenyloxy or alkynyloxy having in each case 3 to 6 carbon atoms; represents optionally nitro-, cyano-, halogen-, C₁-C₄-alkyl-, C₁-C₄-haloalkyl-, C₁-C₄-alkoxy-, C₁-C₄-haloalkoxy-, C₁-C₄-alkylthio-, C₁-C₄-haloalkylthio-, C₁-C₄-alkylsulphinyl-, C₁-C₄-haloalkylsulphinyl-, C₁-C₄-alkylsulphonyl-, or C₁-C₄-haloalkylsulphonyl-substituted aryloxy, arylthio, arylsulphinyl, arylsulphonyl, arylcarbonyloxy, arylcarbonylalkoxy,

- arylsulphonyloxy, arylalkoxy, arylalkylthio, arylalkylsulphinyl, or arylalkylsulphonyl having in each case 6 or 10 carbon atoms in the aryl group and, if appropriate, 1 to 4 carbon atoms in the alkyl moiety; represents optionally cyano-, halogen-, oxo-, hydroxyl-, C₁-C₄-alkoxy-, or C₁-C₄-alkyl-substituted heterocyclyl having 5 or 6 ring atoms comprising at least 1 nitrogen atom and optionally up to 2 oxygen atoms, up to 2 sulphur atoms, and 3 additional nitrogen atoms, where in total not more than 4 heteroatoms are present and where the heterocycle is attached via the nitrogen;
- R⁵ represents hydrogen, cyano, carbamoyl, thiocarbamoyl, or halogen; represents optionally cyano-, halogen-, C₁-C₄-alkoxy-, C₁-C₄-alkylthio-, C₁-C₄-alkylsulphinyl-, or C₁-C₄-alkylsulphonyl-substituted alkyl, alkoxy, alkylthio, alkylsulphinyl, alkylsulphonyl, or alkoxycarbonyl having in each case 1 to 6 carbon atoms in the alkyl groups; or represents optionally cyano-, halogen-, or C₁-C₄-alkyl-substituted cycloalkyl having 3 to 6 carbon atoms;
- R⁶ represents hydrogen; represents optionally cyano-, halogen-, C₁-C₄-alkoxy-, C₁-C₄-alkylthio-, C₁-C₄-alkylsulphinyl-, or C₁-C₄-alkylsulphonyl-substituted alkyl having 1 to 6 carbon atoms; represents optionally cyano- or halogen-substituted alkenyl or alkynyl having in each case 3 to 6 carbon atoms; represents optionally cyano-, halogen-, or C₁-C₄-alkyl-substituted cycloalkyl or cycloalkylalkyl having in each case 3 to 6 carbon atoms in the cycloalkyl group and, if appropriate, 1 to 4 carbon atoms in the alkyl moiety; or represents optionally nitro-, cyano-, halogen-, C₁-C₄-alkyl-, C₁-C₄-haloalkyl-, C₁-C₄-alkoxy-, C₁-C₄-haloalkoxy-, C₁-C₄-alkylthio-, C₁-C₄-haloalkylthio-, C₁-C₄-alkylsulphinyl-, C₁-C₄-haloalkylsulphinyl-, C₁-C₄-alkylsulphonyl-, or C₁-C₄-haloalkylsulphonyl-substituted aryl or arylalkyl having in each case 6 or 10 carbon atoms in the aryl group and, if appropriate, 1 to 4 carbon atoms in the alkyl moiety;
- R⁷ represents hydroxyl or formyloxy; represents optionally alkyl-, cyano-, halogen-, or C₁-C₄-alkoxy-substituted alkoxy, alkylcarbonyloxy, alkoxycarbonyloxy, alkoxycarbonylalkoxy, alkylaminocarbonyloxy, or alkylsulphonyloxy having in each case 1 to 6 carbon atoms in the alkyl groups; represents optionally cyano- or halogen-substituted alkenyloxy or alkynyloxy having in each case 3 to 6 carbon atoms; or represents optionally nitro-, cyano-, halogen-, C₁-C₄-alkyl-, C₁-C₄-haloalkyl-, C₁-C₄-alkoxy-, C₁-C₄-

haloalkoxy-, C₁-C₄-alkylthio-, C₁-C₄-haloalkylthio-, C₁-C₄-alkylsulphinyl-, C₁-C₄-haloalkylsulphinyl-, C₁-C₄-alkylsulphonyl-, or C₁-C₄-haloalkylsulphonyl-substituted arylalkoxy, arylcarbonyloxy, arylcarbonylalkoxy, or arylsulphonyloxy having in each case 6 or 10 carbon atoms in the aryl group and, if appropriate, 1 to 4 carbon atoms in the alkyl moiety;

R⁸ represents hydrogen; represents optionally hydroxyl-, amino-, cyano-, carbamoyl-, halogen-, C₁-C₄-alkoxy-, C₁-C₄-alkyl-carbonyl-, C₁-C₄-alkoxycarbonyl-, C₁-C₄-alkylaminocarbonyl-, or di(C₁-C₄-alkyl)aminocarbonyl-substituted alkyl having 1 to 6 carbon atoms; represents optionally cyano-, halogen-, or C₁-C₄-alkoxy-substituted alkylcarbonyl or alkoxycarbonyl having in each case 1 to 6 carbon atoms in the alkyl groups; represents optionally halogen-substituted alkylthio, alkylsulphinyl, or alkylsulphonyl having in each case 1 to 6 carbon atoms; represents optionally halogen-substituted alkenyl, alkenylcarbonyl, alkenyloxycarbonyl, alkynyl, alkynylcarbonyl, or alkynyloxycarbonyl having in each case 2 to 6 carbon atoms in the alkenyl or alkynyl groups; represents optionally cyano-, halogen-, or C₁-C₄-alkyl-substituted cycloalkyl, cycloalkylcarbonyl, cycloalkyloxycarbonyl, cycloalkylalkyl, cycloalkylalkylcarbonyl, or cycloalkylalkoxycarbonyl having in each case 3 to 6 carbon atoms in the cycloalkyl groups and, if appropriate, 1 to 4 carbon atoms in the alkyl moiety; or represents optionally cyano-, nitro-, halogen-, C₁-C₄-alkyl-, C₁-C₄-haloalkyl-, C₁-C₄-alkoxy-, or C₁-C₄-haloalkoxy-substituted aryl, arylcarbonyl, aryloxycarbonyl, arylalkyl, arylalkylcarbonyl, or arylalkoxycarbonyl having in each case 6 or 10 carbon atoms in the aryl groups and, if appropriate, 1 to 4 carbon atoms in the alkyl moiety;

R⁹ represents hydrogen; represents optionally hydroxyl-, amino-, cyano-, carbamoyl-, halogen-, C₁-C₄-alkoxy-, C₁-C₄-alkyl-carbonyl-, C₁-C₄-alkoxy-carbonyl-, C₁-C₄-alkylaminocarbonyl-, or di(C₁-C₄-alkyl)aminocarbonyl-substituted alkyl having 1 to 6 carbon atoms; represents optionally cyano-, halogen-, or C₁-C₄-alkoxy-substituted alkylcarbonyl or alkoxycarbonyl having in each case 1 to 6 carbon atoms in the alkyl groups; represents optionally halogen-substituted alkylthio, alkylsulphinyl, or alkylsulphonyl having in each case 1 to 6 carbon atoms; represents optionally halogen-substituted alkenyl, alkenylcarbonyl, alkenyloxycarbonyl, alkynyl, alkynylcarbonyl, or alkynyloxycarbonyl having in each case 2 to 6 carbon atoms in the alkenyl or

alkynyl groups; represents optionally cyano-, halogen-, or C₁-C₄-alkyl-substituted cycloalkyl, cycloalkylcarbonyl, cycloalkyloxycarbonyl, cycloalkylalkyl, cycloalkylalkylcarbonyl, or cycloalkylalkoxy carbonyl having in each case 3 to 6 carbon atoms in the cycloalkyl groups and, if appropriate, 1 to 4 carbon atoms in the alkyl moiety; represents optionally cyano-, nitro-, halogen-, C₁-C₄-alkyl-, C₁-C₄-haloalkyl-, C₁-C₄-alkoxy-, or C₁-C₄-haloalkoxy-substituted aryl, arylcarbonyl, aryloxycarbonyl, arylalkyl, arylalkylcarbonyl, or arylalkoxy carbonyl having in each case 6 or 10 carbon atoms in the aryl groups and, if appropriate, 1 to 4 carbon atoms in the alkyl moiety; or represents optionally nitro-, cyano-, halogen-, C₁-C₄-alkyl-, C₁-C₄-haloalkyl-, C₁-C₄-alkoxy-, or C₁-C₄-haloalkoxy-substituted heterocyclyl, heterocyclylcarbonyl, or heterocyclylalkyl, where in each case the heterocyclyl grouping contains up to 10 carbon atoms and at least one heteroatom selected from the group consisting of N (but at most 5 N atoms), O (but at most 2 O atoms), S (but at most 2 S atoms), SO, and SO₂, and optionally contains one group selected from the group consisting of oxo (C=O), thioxo (C=S), imino (C=NH), cyanoimino (C=N-CN), and nitroimino (C=N-NO₂); or R⁹ together with R² and the nitrogen to which they are attached represent an optionally nitro-, cyano-, halogen-, C₁-C₄-alkyl-, C₁-C₄-haloalkyl-, C₁-C₄-alkoxy-, or C₁-C₄-haloalkoxy-substituted heterocycle that contains 1 nitrogen atom and 1 to 10 carbon atoms and optionally one further heteroatom selected from the group consisting of N (but at most 4 further N atoms), O (but at most 2 O atoms), S (but at most 2 S atoms), SO, and SO₂, and optionally contains one group selected from the group consisting of oxo (C=O), thioxo (C=S), imino (C=NH), cyanoimino (C=N-CN), and nitroimino (C=N-NO₂);

R¹⁰ represents hydrogen or formyl; represents optionally cyano-, halogen-, C₁-C₄-alkoxy-, C₁-C₄-alkyl-carbonyl-, C₁-C₄-alkoxycarbonyl-, C₁-C₄-alkylaminocarbonyl-, or di-(C₁-C₄-alkyl)aminocarbonyl-substituted alkyl having 1 to 6 carbon atoms;

X represents hydrogen, nitro, cyano, carboxyl, carbamoyl, thiocarbamoyl, or halogen; or represents optionally cyano-, halogen-, C₁-C₄-alkoxy-, C₁-C₄-alkylthio-, C₁-C₄-alkylsulphinyl-, or C₁-C₄-alkylsulphonyl-substituted alkyl, alkoxy, alkylthio, alkylsulphinyl, alkylsulphonyl, alkylamino, dialkylamino, or

dialkylaminosulphonyl having in each case 1 to 6 carbon atoms in the alkyl groups;

Y represents hydrogen, nitro, cyano, carboxyl, carbamoyl, thiocarbamoyl, or halogen; or represents optionally cyano-, halogen-, C₁-C₄-alkoxy-, C₁-C₄-alkylthio-, C₁-C₄-alkylsulphinyl-, or C₁-C₄-alkylsulphonyl-substituted alkyl, alkoxy, alkylthio, alkylsulphinyl, alkylsulphonyl, alkylamino, dialkylamino, or dialkylaminosulphonyl having in each case 1 to 6 carbon atoms in the alkyl groups; and

m represents the numbers 0, 1, 2, or 3.

Claim 20. (Previously presented) A compound according to claim 18 in which

A² represents methylene (-CH₂-), ethane-1,1-diyl (-CH(CH₃)-), ethane-1,2-diyl (dimethylene, -CH₂CH₂-), propane-1,1-diyl (-CH(C₂H₅)-), propane-1,2-diyl (-CH(CH₃)CH₂-), propane-1,3-diyl (-CH₂CH₂CH₂-), butane-1,3-diyl (-CH(CH₃)CH₂CH₂-), butane-1,4-diyl (-CH₂CH₂CH₂CH₂-), ethenediyl, propenediyl, butenediyl, ethynediyl, propynediyl, or butynediyl;

R¹ represents hydrogen; represents optionally hydroxyl-, amino-, cyano-, carbamoyl-, fluorine-, chlorine-, methoxy-, ethoxy-, n- or i-propoxy-, acetyl-, propionyl-, n- or i-butyroyl-, methoxycarbonyl-, ethoxycarbonyl-, n- or i-propoxycarbonyl-, methylaminocarbonyl-, ethylaminocarbonyl-, n- or i-propylaminocarbonyl-, dimethylamino-, diethylamino-, dimethylaminocarbonyl-, diethylaminocarbonyl-, or N-methoxy-N-methylamino- carbonyl-substituted methyl, ethyl, n- or i-propyl, n-, i-, or s-butyl, or n-, i-, or s-pentyl; represents optionally fluorine- and/or chlorine-substituted methylthio, ethylthio, n- or i-propylthio, n-, i-, s-, or t-butylthio, methylsulphinyl, ethylsulphinyl, n- or i-propylsulphinyl, methylsulphonyl, ethylsulphonyl, or n- or i-propylsulphonyl; represents optionally fluorine-, chlorine-, and/or bromine-substituted propenyl, butenyl, propynyl, or butynyl; represents optionally cyano-, fluorine-, chlorine-, methyl-, or ethyl-substituted cyclopropyl, cyclobutyl, cyclopentyl, cyclohexyl, cyclopropylmethyl, cyclobutylmethyl, cyclopentylmethyl, or cyclohexylmethyl; represents optionally cyano-, nitro-, fluorine-, chlorine-, bromine-, methyl-, ethyl-, n- or i-propyl-, n-, i-, s-, or t-butyl-, trifluoromethyl-, methoxy-, ethoxy-, s- or i-propoxy-, n-, i-, s-, or t-butoxy-, difluoromethoxy-, or trifluoromethoxy-substituted phenyl, benzoyl, benzyl, phenylethyl, or phenylcarbonylmethyl; or

represents optionally nitro-, cyano-, fluorine-, chlorine-, bromine-, methyl-, ethyl-, n- or i-propyl-, n-, i-, s-, or t-butyl-, trifluoromethyl-, methoxy-, ethoxy-, n- or i-propoxy-, difluoromethoxy-, or trifluoromethoxy-substituted heterocyclyl or heterocyclylalkyl selected from the group consisting of furyl, furylmethyl, thienyl, thienylmethyl, pyrrolidinyl, oxopyrrolidinyl, pyrrolyl, indolyl, pyrrolylmethyl, pyrazolyl, pyrazolylmethyl, oxazolyl, oxazolylmethyl, isoxazolyl, thiazolyl, thiazolylmethyl, dihydropyranyl, dihydropyranylmethyl, piperidinyl, oxopiperidinyl, morpholinyl, piperazinyl, pyridinyl, pyridinylcarbonyl, and pyridinylmethyl;

R² represents hydrogen; represents optionally cyano-, fluorine-, chlorine-, methoxy-, ethoxy-, n- or i-propoxy-, acetyl-, propionyl-, n- or i-butyroyl-, methoxycarbonyl-, ethoxycarbonyl-, n- or i-propoxycarbonyl-, methylaminocarbonyl-, ethylaminocarbonyl-, n- or i-propylaminocarbonyl-, dimethylaminocarbonyl-, or diethylaminocarbonyl-substituted methyl, ethyl, n- or i-propyl, n-, i-, s-, or t-butyl, or n-, i-, s-, or t-pentyl; represents optionally cyano-, fluorine-, chlorine-, methoxy-, ethoxy-, or n- or i-propoxy-substituted acetyl, propionyl, n- or i-butyroyl, methoxycarbonyl, ethoxycarbonyl, n- or i-propoxycarbonyl, methylaminocarbonyl, ethylaminocarbonyl, or n- or i-propylaminocarbonyl; represents dimethylaminocarbonyl, diethylaminocarbonyl, or dipropylaminocarbonyl; represents optionally fluorine-, chlorine-, and/or bromine-substituted propenyl, butenyl, propenylcarbonyl, butenylcarbonyl, propenyloxycarbonyl, butenyloxycarbonyl, propenylaminocarbonyl, butenylaminocarbonyl, propynyl, butynyl, propynylcarbonyl, butynylcarbonyl, propynyloxycarbonyl, or butynyloxycarbonyl; represents optionally cyano-, fluorine-, chlorine-, methyl-, or ethyl-substituted cyclopropyl, cyclobutyl, cyclopentyl, cyclohexyl, cyclopropylcarbonyl, cyclobutylcarbonyl, cyclopentylcarbonyl, cyclohexylcarbonyl, cyclopropyloxycarbonyl, cyclobutyloxycarbonyl, cyclopentyloxycarbonyl, cyclohexyloxycarbonyl, cyclopropylmethyl, cyclobutylmethyl, cyclopentylmethyl, cyclohexylmethyl, cyclopropylmethylcarbonyl, cyclobutylmethylcarbonyl, cyclopentylmethylcarbonyl, cyclohexylmethylcarbonyl, cyclopropylmethoxycarbonyl, cyclobutylmethoxycarbonyl, cyclopentylmethoxycarbonyl, or cyclohexylmethoxycarbonyl; represents

optionally nitro-, cyano-, fluorine-, chlorine-, bromine-, methyl-, ethyl-, n- or i-propyl-, n-, i-, s-, or t-butyl-, trifluoromethyl-, methoxy-, ethoxy-, n- or i-propoxy-, difluoromethoxy-, or trifluoromethoxy-substituted phenyl, naphthyl, benzoyl, phenoxycarbonyl, phenylaminocarbonyl, benzyl, phenylethyl, phenylmethylcarbonyl, or phenylmethoxycarbonyl; or represents optionally nitro-, cyano-, fluorine-, chlorine-, bromine-, methyl-, ethyl-, n- or i-propyl-, n-, i-, s-, or t-butyl-, trifluoromethyl-, methoxy-, ethoxy-, n- or i-propoxy-, difluoromethoxy-, or trifluoromethoxy-substituted furyl, furylcarbonyl, furylmethyl, thienyl, thienylcarbonyl, thienylmethyl, pyrrolidinyl, oxopyrrolidinyl, pyrrolyl, indolyl, pyrrolylmethyl, pyrazolyl, pyrazolylcarbonyl, pyrazolylmethyl, oxazolyl, oxazolylmethyl, isoxazolyl, isoxazolylcarbonyl, thiazolyl, thiazolylmethyl, 2-oxo-1,3-diazacyclopentyl (2-oxoimidazolidinyl), piperidinyl, oxopiperidinyl, 2-oxo-1,3-diazacyclohexyl, morpholinyl, thiomorpholinyl, 3-oxomorpholinyl, 3-oxothiomorpholinyl, piperazinyl, pyridinyl, pyridinylcarbonyl, or pyridinylmethyl;

R³ represents hydrogen, fluorine, chlorine, or bromine; represents optionally cyano-, fluorine-, chlorine-, methoxy-, ethoxy-, n- or i-propoxy-, methylthio-, ethylthio-, n- or i-propylthio-, methylsulphinyl-, ethylsulphinyl-, methylsulphonyl-, or ethylsulphonyl-substituted methyl, ethyl, n- or i-propyl, n-, i-, s-, or t-butyl, methylthio, ethylthio, n- or i-propylthio, or n-, i-, s-, or t-butylthio; or represents phenyl, or when m represents 2, R³ together with a second R³ optionally represents oxygen, propane-1,3-diyl, or butane-1,4-diyl;

R⁴ represents hydroxyl, formyloxy, fluorine, or chlorine; represents optionally cyano-, fluorine-, chlorine-, methoxy-, ethoxy-, n- or i-propoxy-, methylthio-, ethylthio-, n- or i-propylthio-, methylsulphinyl-, ethylsulphinyl-, methylsulphonyl-, or ethylsulphonyl-substituted methoxy, ethoxy, n- or i-propoxy, methylthio, ethylthio, n- or i-propylthio, methylsulphinyl, ethylsulphinyl, methylsulphonyl, ethylsulphonyl, acetyloxy, propionyloxy, n- or i-butyroxyloxy, methoxycarbonyloxy, ethoxycarbonyloxy, n- or i-propoxycarbonyloxy, methylaminocarbonyloxy, ethylaminocarbonyloxy, n- or i-propylaminocarbonyloxy, methylsulphonyloxy, ethylsulphonyloxy, or n- or i-propylsulphonyloxy; represents optionally fluorine-, chlorine-, and/or bromine-substituted propenyloxy, butenyloxy, propynyloxy, or butynyloxy; represents optionally nitro-, cyano-, fluorine-, chlorine-, bromine-, methyl-, ethyl-, n- or i-

propyl-, n-, i-, s-, or t-butyl-, trifluoromethyl-, methoxy-, ethoxy-, n- or i-propoxy-, difluoromethoxy-, trifluoromethoxy-, methylthio-, ethylthio-, n- or i-propylthio-, difluoromethylthio-, trifluoromethylthio-, methylsulphinyl-, ethylsulphinyl-, trifluoromethylsulphinyl-, methylsulphonyl-, ethylsulphonyl-, or trifluoromethylsulphonyl-substituted phenyloxy, phenylthio, phenylsulphinyl, phenylsulphonyl, phenylcarbonyloxy, phenylcarbonylmethoxy, phenylsulphonyloxy, phenylmethoxy, phenylmethylthio, phenylmethylsulphinyl, or phenylmethylsulphonyl; represents optionally cyano-, oxo-, fluorine-, chlorine-, methyl-, ethyl-, methoxy-, ethoxy-, methylthio-, or ethylthio-substituted pyrrolyl, pyrrolinyl, pyrrolidinyl, pyrazolyl, pyrazolinyl, pyrazolidinyl, imidazolyl, imidazolinyl, imidazolidinyl, triazolyl, triazolinyl, triazolidinyl, tetrazolyl, tetrazolinyl, tetrazolidinyl, oxazolyl, oxazolinyl, oxazolidinyl, isoxazolyl, isoxazolinyl, isoxazolidinyl, thiazolyl, thiazolinyl, thiazolidinyl, thiadiazolyl, indolyl, piperidinyl, piperazinyl, oxazinyl, thiazinyl, or morpholinyl;

R⁵ represents hydrogen, cyano, carbamoyl, thiocarbamoyl, fluorine, chlorine, or bromine; represents optionally cyano-, fluorine-, chlorine-, methoxy-, ethoxy-, n- or i-propoxy-, methylthio-, ethylthio-, n- or i-propylthio-, methylsulphinyl-, ethylsulphinyl-, methylsulphonyl-, or ethylsulphonyl-substituted methyl, ethyl, n- or i-propyl, n-, i-, s-, or t-butyl, methoxy, ethoxy, n- or i-propoxy, methylthio, ethylthio, n- or i-propylthio, methylsulphinyl, ethylsulphinyl, methylsulphonyl, ethylsulphonyl, methoxycarbonyl, ethoxycarbonyl, or n- or i-propoxycarbonyl; or represents optionally cyano-, fluorine-, chlorine-, methyl-, or ethyl-substituted cyclopropyl, cyclobutyl, cyclopentyl, or cyclohexyl;

R⁶ represents hydrogen; represents optionally cyano-, fluorine-, chlorine-, methoxy-, ethoxy-, n- or i-propoxy-, methylthio-, ethylthio-, n- or i-propylthio-, methylsulphinyl-, ethylsulphinyl-, methylsulphonyl-, or ethylsulphonyl-substituted methyl, ethyl, n- or i-propyl, or n-, i-, s-, or t-butyl; represents optionally cyano-, fluorine-, chlorine-, or bromine-substituted propenyl, butenyl, propynyl, or butynyl; represents optionally cyano-, fluorine-, chlorine-, methyl-, or ethyl-substituted cyclopropyl, cyclobutyl, cyclopentyl, cyclohexyl, cyclopropylmethyl, cyclobutylmethyl, cyclopentylmethyl, or cyclohexylmethyl; or represents optionally nitro-, cyano-, fluorine-, chlorine-, bromine-, methyl-, ethyl-, n- or i-propyl-, n-, i-, s-, or t-butyl-, trifluoromethyl-, methoxy-, ethoxy-,

n- or i-propoxy-, difluoromethoxy-, trifluoromethoxy-, methylthio-, ethylthio-, n- or i-propylthio-, n-, i-, s-, or t-butylthio-, difluoromethylthio-, trifluoromethylthio-, methylsulphinyl-, ethylsulphinyl-, trifluoromethylsulphinyl-, methylsulphonyl-, ethylsulphonyl-, or trifluoromethylsulphonyl-substituted phenyl or phenylmethyl;

R⁷ represents hydroxyl or formyloxy; represents optionally alkyl-, cyano-, fluorine-, chlorine-, methoxy-, ethoxy-, or n- or i-propoxy-substituted methoxy, ethoxy, n- or i-propoxy, acetyloxy, propionyloxy, n- or i-butyroxyloxy, methoxycarbonyloxy, ethoxycarbonyloxy, n- or i-propoxycarbonyloxy, methylaminocarbonyloxy, ethylaminocarbonyloxy, n- or i-propylaminocarbonyloxy, ethoxycarbonylmethoxy, methoxycarbonylmethoxy, methylsulphonyloxy, ethylsulphonyloxy, or n- or i-propylsulphonyloxy; represents optionally cyano-, fluorine-, chlorine-, or bromine-substituted propenyloxy, butenyloxy, propynyloxy, or butynyloxy; or represents optionally nitro-, cyano-, fluorine-, chlorine-, bromine-, methyl-, ethyl-, n- or i-propyl-, n-, i-, s-, or t-butyl-, trifluoromethyl-, methoxy-, ethoxy-, n- or i-propoxy-, difluoromethoxy-, trifluoromethoxy-, methylthio-, ethylthio-, n- or i-propylthio-, difluoromethylthio-, trifluoromethylthio-, methylsulphinyl-, ethylsulphinyl-, trifluoromethylsulphinyl-, methylsulphonyl-, ethylsulphonyl-, or trifluoromethylsulphonyl-substitute- d phenylmethoxy, phenylcarbonyloxy, phenylcarbonylmethoxy, or phenylsulphonyloxy;

R⁸ represents hydrogen; represents optionally hydroxyl-, amino-, cyano-, carbamoyl-, fluorine-, chlorine-, methoxy-, ethoxy-, n- or i-propoxy-, acetyl-, propionyl-, n- or i-butyroyl-, methoxycarbonyl-, ethoxycarbonyl-, n- or i-propoxycarbonyl-, methylaminocarbonyl-, ethylaminocarbonyl-, n- or i-propylaminocarbonyl-, dimethylaminocarbonyl-, or diethylaminocarbonyl-substituted methyl, ethyl, n- or i-propyl, n-, i-, or s-butyl, or n-, i-, or s-pentyl; represents optionally cyano-, fluorine-, chlorine-, methoxy-, ethoxy-, or n- or i-propoxy-substituted acetyl, propionyl, n- or i-butyroyl, methoxycarbonyl, ethoxycarbonyl, or n- or i-propoxycarbonyl; represents optionally fluorine- and/or chlorine-substituted methylthio, ethylthio, n- or i-propylthio, n-, i-, s-, or t-butylthio, methylsulphinyl, ethylsulphinyl, n- or i-propylsulphinyl, methylsulphonyl, ethylsulphonyl, or n- or i-propylsulphonyl; represents optionally fluorine-, chlorine-, and/or bromine-substituted propenyl, butenyl,

propenylcarbonyl, butenylcarbonyl, propenyloxycarbonyl, butenyloxycarbonyl, propynyl, butynyl, propynylcarbonyl, butynylcarbonyl, propynyloxycarbonyl, or butynyloxycarbonyl; represents optionally cyano-, fluorine-, chlorine-, methyl-, or ethyl-substituted cyclopropyl, cyclobutyl, cyclopentyl, cyclohexyl, cyclopropylcarbonyl, cyclobutylcarbonyl, cyclopentylcarbonyl, cyclohexylcarbonyl, cyclopropyloxycarbonyl, cyclobutyloxycarbonyl, cyclopentyloxycarbonyl, cyclohexyloxycarbonyl, cyclopropylmethyl, cyclobutylmethyl, cyclopentylmethyl, cyclohexylmethyl, cyclopropylmethylcarbonyl, cyclobutylmethylcarbonyl, cyclopentylmethylcarbonyl, cyclohexylmethylcarbonyl, cyclopropylmethoxycarbonyl, cyclobutylmethoxycarbonyl, cyclopentylmethoxycarbonyl, or cyclohexylmethoxycarbonyl; or represents optionally cyano-, nitro-, fluorine-, chlorine-, bromine-, methyl-, ethyl-, n- or i-propyl-, n-, i-, s-, or t-butyl-, trifluoromethyl-, methoxy-, ethoxy-, s- or i-propoxy-, n-, i-, s-, or t-butoxy-, difluoromethoxy-, or trifluoromethoxy-substituted phenyl, benzoyl, phenoxycarbonyl, benzyl, phenylethyl, phenylmethylcarbonyl, or phenylmethoxycarbonyl;

R⁹ represents hydrogen; represents optionally hydroxyl-, amino-, cyano-, carbamoyl-, fluorine-, chlorine-, methoxy-, ethoxy-, n- or i-propoxy-, acetyl-, propionyl-, n- or i-butyroyl-, methoxycarbonyl-, ethoxycarbonyl-, n- or i-propoxycarbonyl-, methylaminocarbonyl-, ethylaminocarbonyl-, n- or i-propylaminocarbonyl-, dimethylaminocarbonyl-, or diethylaminocarbonyl-substituted methyl, ethyl, n- or i-propyl, n-, i-, or s-butyl, n-, i-, or s-pentyl; represents optionally cyano-, fluorine-, chlorine-, methoxy-, ethoxy-, or n- or i-propoxy-substituted acetyl, propionyl, n- or i-butyroyl, methoxycarbonyl, ethoxycarbonyl, or n- or i-propoxycarbonyl; represents optionally fluorine- and/or chlorine-substituted methylthio, ethylthio, n- or i-propylthio, n-, i-, s-, or t-butylthio, methylsulphinyl, ethylsulphinyl, n- or i-propylsulphinyl, methylsulphonyl, ethylsulphonyl, or n- or i-propylsulphonyl; represents optionally fluorine-, chlorine-, and/or bromine-substituted propenyl, butenyl, propenylcarbonyl, butenylcarbonyl, propenyloxycarbonyl, butenyloxycarbonyl, propynyl, butynyl, propynylcarbonyl, butynylcarbonyl, propynyloxycarbonyl, or butynyloxycarbonyl; represents optionally cyano-, fluorine-, chlorine-, methyl-, or ethyl-substituted cyclopropyl, cyclobutyl, cyclopentyl, cyclohexyl,

cyclopropylcarbonyl, cyclobutylcarbonyl, cyclopentylcarbonyl, cyclohexylcarbonyl, cyclopropyloxycarbonyl, cyclobutyloxycarbonyl, cyclopentyloxycarbonyl, cyclohexyloxycarbonyl, cyclopropylmethyl, cyclobutylmethyl, cyclopentylmethyl, cyclohexylmethyl, cyclopropylmethylcarbonyl, cyclobutylmethylcarbonyl, cyclopentylmethylcarbonyl, cyclohexylmethylcarbonyl, cyclopropylmethoxycarbonyl, cyclobutylmethoxycarbonyl, cyclopentylmethoxycarbonyl, or cyclohexylmethoxycarbonyl; represents optionally cyano-, nitro-, fluorine-, chlorine-, bromine-, methyl-, ethyl-, n- or i-propyl-, n-, i-, s-, or t-butyl-, trifluoromethyl-, methoxy-, ethoxy-, s- or i-propoxy-, n-, i-, s-, or t-butoxy-, difluoromethoxy-, or trifluoromethoxy-substituted phenyl, benzoyl, phenoxycarbonyl, benzyl, phenylethyl, phenylmethylcarbonyl, or phenylmethoxycarbonyl; or represents optionally nitro-, cyano-, fluorine-, chlorine-, bromine-, methyl-, ethyl-, n- or i-propyl-, n-, i-, s-, or t-butyl-, trifluoromethyl-, methoxy-, ethoxy-, n- or i-propoxy-, difluoromethoxy-, or trifluoromethoxy-substituted heterocyclyl, heterocyclylcarbonyl and heterocyclylalkyl selected from the group consisting of furyl, furylcarbonyl, furylmethyl, thienyl, thienylcarbonyl, thienylmethyl, pyrrolidinyl, oxopyrrolidinyl, pyrrolyl, indolyl, pyrrolylmethyl, pyrazolyl, pyrazolylcarbonyl, pyrazolylmethyl, oxazolyl, oxazolylmethyl, isoxazolyl, isoxazolylcarbonyl, thiazolyl, thiazolylmethyl, piperidinyl, oxopiperidinyl, morpholinyl, piperazinyl, pyridinyl, pyridinylcarbonyl, and pyridinylmethyl; or R.sup.9 together with R.sup.2 and the nitrogen to which they are attached represent optionally nitro-, cyano-, fluorine-, chlorine-, bromine-, methyl-, ethyl-, n- or i-propyl-, n-, i-, s-, or t-butyl-, trifluoromethyl-, methoxy-, ethoxy-, n- or i-propoxy-, difluoromethoxy-, or trifluoromethoxy-substituted pyrrolidinyl, oxopyrrolidinyl, pyrrolyl, indolyl, pyrazolyl, oxazolyl, isoxazolyl, dihydropyranlyl, piperidinyl, thiomorpholinyl, 3-oxomorpholinyl, 3-oxothiomorpholinyl, oxopiperidinyl, morpholinyl, piperazinyl, imidazolyl, imidazolidinyl, oxoimidazolidinyl, triazol, triazolyl, tetrazolyl, or pyridinyl;

R¹⁰ represents hydrogen or formyl; represents optionally cyano-, halogen-, C₁-C₄-alkoxy-, C₁-C₄-alkyl-carbonyl-, C₁-C₄-alkoxycarbonyl-, C₁-C₄-alkylaminocarbonyl-, or di(C₁-C₄-alkyl)aminocarbonyl-substituted alkyl having 1 to 6 carbon atoms;

- X represents hydrogen, nitro, cyano, carboxyl, carbamoyl, thiocarbamoyl, fluorine, chlorine, bromine, or iodine; or represents optionally cyano-, fluorine-, chlorine-, methoxy-, ethoxy-, methylthio-, ethylthio-, methylsulphinyl-, ethylsulphinyl-, methylsulphonyl- or ethylsulphonyl-substituted methyl, ethyl, n- or i-propyl, n-, i-, s-, or t-butyl, methoxy, ethoxy, n- or i-propoxy, n-, i-, s-, or t-butoxy, methylthio, ethylthio, n- or i-propylthio, n-, i-, s-, or t-butylthio, methylsulphinyl, ethylsulphinyl, n- or i-propylsulphinyl, methylsulphonyl, ethylsulphonyl, n- or i-propylsulphonyl, methylamino, ethylamino, n- or i-propylamino, n-, i-, s-, or t-butylamino, dimethylamino, diethylamino, dimethylaminosulphonyl, or diethylaminosulphonyl;
- Y represents hydrogen, nitro, cyano, carboxyl, carbamoyl, thiocarbamoyl, fluorine, chlorine, bromine, or iodine; or represents optionally cyano-, fluorine-, chlorine-, methoxy-, ethoxy-, methylthio-, ethylthio-, methylsulphinyl-, ethylsulphinyl-, methylsulphonyl-, or ethylsulphonyl-substituted methyl, ethyl, n- or i-propyl, n-, i-, s-, or t-butyl, methoxy, ethoxy, n- or i-propoxy, n-, i-, s-, or t-butoxy, methylthio, ethylthio, n- or i-propylthio, n-, i-, s-, or t-butylthio, methylsulphinyl, ethylsulphinyl, n- or i-propylsulphinyl, methylsulphonyl, ethylsulphonyl, n- or i-propylsulphonyl, methylamino, ethylamino, n- or i-propylamino, n-, i-, s-, or t-butylamino, dimethylamino, diethylamino, dimethylaminosulphonyl, or diethylaminosulphonyl; and
- m represents the numbers 0, 1, or 2.

Claim 21. (Previously presented) A compound according to claim 18 in which

- A² represents methylene (-CH₂-), ethane-1,1-diyl (-CH(CH₃)-), ethane-1,2-diyl (dimethylene, -CH₂CH₂-), propane-1,2-diyl (-CH(CH₃)CH₂-), or propane-1,3-diyl (-CH₂CH₂CH₂-);
- R¹ represents hydrogen; represents optionally cyano-, fluorine-, chlorine-, methoxy-, ethoxy-, n- or i-propoxy-, acetyl-, propionyl-, methoxycarbonyl-, or ethoxycarbonyl-substituted methyl, ethyl, or n- or i-propyl; represents optionally cyano-, fluorine-, chlorine-, methoxy-, ethoxy-, or n- or i-propoxy-substituted acetyl, propionyl, methoxycarbonyl, or ethoxycarbonyl; represents optionally fluorine- and/or chlorine-substituted methylthio, ethylthio, n- or i-propylthio, n-, i-, s-, or t-butylthio, methylsulphinyl, ethylsulphinyl, methylsulphonyl, or ethylsulphonyl; represents optionally fluorine-, chlorine-,

and/or bromine-substituted propenyl, butenyl, propynyl, or butynyl; represents optionally fluorine-, chlorine-, or methyl-substituted cyclopropyl, cyclopropylcarbonyl, or cyclopropylmethyl; or represents optionally cyano-, nitro-, fluorine-, chlorine-, bromine-, methyl-, ethyl-, n- or i-propyl-, n-, i-, s-, or t-butyl-, trifluoromethyl-, methoxy-, ethoxy-, s- or i-propoxy-, difluoromethoxy-, or trifluoromethoxy-substituted phenyl, benzoyl, phenoxycarbonyl, benzyl, phenylmethylcarbonyl, or phenylmethoxycarbonyl;

R² represents hydrogen; represents optionally cyano-, fluorine-, chlorine-, methoxy-, ethoxy-, n- or i-propoxy-, acetyl-, propionyl-, n- or i-butyroyl-, methoxycarbonyl-, ethoxycarbonyl-, or n- or i-propoxycarbonyl-substituted methyl, ethyl, n- or i-propyl, n-, i-, s-, or t-butyl, or n-, i-, s-, or t-pentyl; represents optionally cyano-, fluorine-, chlorine-, methoxy-, ethoxy-, or n- or i-propoxy-substituted acetyl, propionyl, n- or i-butyroyl, methoxycarbonyl, ethoxycarbonyl, n- or i-propoxycarbonyl, methylaminocarbonyl, ethylaminocarbonyl, or n- or i-propylaminocarbonyl; represents dimethylaminocarbonyl; represents optionally fluorine- and/or chlorine-substituted methylthio, ethylthio, n- or i-propylthio, n-, i-, s-, or t-butylthio, methylsulphinyl, ethylsulphinyl, methylsulphonyl, or ethylsulphonyl; represents optionally fluorine-, chlorine-, and/or bromine-substituted propenyl, butenyl, propynyl, or butynyl; represents optionally fluorine-, chlorine-, or methyl-substituted cyclopropyl, cyclopropylcarbonyl, or cyclopropylmethyl; represents optionally nitro-, cyano-, fluorine-, chlorine-, bromine-, methyl-, ethyl-, n- or i-propyl-, n-, i-, s-, or t-butyl-, trifluoromethyl-, methoxy-, ethoxy-, n- or i-propoxy-, difluoromethoxy-, or trifluoromethoxy-substituted phenyl, benzoyl, phenoxycarbonyl, phenylaminocarbonyl, benzyl, phenylmethylcarbonyl, or phenylmethoxycarbonyl; or represents optionally nitro-, cyano-, fluorine-, chlorine-, bromine-, methyl-, ethyl-, n- or i-propyl-, n-, i-, s-, or t-butyl-, trifluoromethyl-, methoxy-, ethoxy-, n- or i-propoxy-, difluoromethoxy-, or trifluoromethoxy-substituted heterocyclyl, heterocyclylcarbonyl or heterocyclylalkyl selected from the group consisting of furyl, furylcarbonyl, furylmethyl, thienyl, thienylcarbonyl, thienylmethyl, pyrrolidinyl, pyrrolyl, indolyl, pyrrolylmethyl, pyrazolyl, pyrazolylmethyl, isoxazolyl, piperidinyl, morpholinyl, thiomorpholinyl, 3-oxo-morpholinyl, 3-oxothiomorpholinyl, piperazinyl, pyridinyl, and pyridinylmethyl;

- R³ represents hydrogen; represents optionally fluorine- and/or chlorine-substituted methyl, ethyl, n- or i-propyl, methylthio, ethylthio, or n- or i-propylthio; or represents phenyl; or when m represents 2, R³ together with a second R³ optionally represents oxygen, propane-1,3-diyl, or butane-1,4-diyl;
- R⁴ represents hydroxyl; represents formyloxy; represents optionally fluorine- and/or chlorine-substituted methoxy, ethoxy, n- or i-propoxy, methylthio, ethylthio, n- or i-propylthio, methylsulphinyl, ethylsulphinyl, methylsulphonyl, ethylsulphonyl, acetyloxy, propionyloxy, n- or i-butyroxyloxy, methoxycarbonyloxy, ethoxycarbonyloxy, n- or i-propoxycarbonyloxy, methylaminocarbonyloxy, ethylaminocarbonyloxy, n- or i-propylaminocarbonyloxy, methylsulphonyloxy, ethylsulphonyloxy, or n- or i-propylsulphonyloxy; represents optionally fluorine- and/or chlorine-substituted propenyloxy, butenyloxy, propynyloxy, or butynyloxy; represents optionally nitro-, cyano-, fluorine-, chlorine-, bromine-, methyl-, ethyl-, n- or i-propyl-, trifluoromethyl-, methoxy-, ethoxy-, n- or i-propoxy-, difluoromethoxy-, or trifluoromethoxy-substituted phenyloxy, phenylthio, phenylsulphinyl, phenylsulphonyl, phenylcarbonyloxy, phenylcarbonylmethoxy, phenylsulphonyloxy, phenylmethoxy, phenylmethylthio, phenylmethylsulphinyl, or phenylmethylsulphonyl; represents optionally cyano-, oxo-, fluorine-, chlorine-, methyl-, ethyl-, methoxy-, ethoxy-, methylthio-, or ethylthio-substituted pyrrolyl, pyrrolinyl, pyrrolidinyl, pyrazolyl, pyrazolinyl, pyrazolidinyl, imidazolyl, imidazolynyl, imidazolidinyl, triazolyl, triazolinyl, triazolidinyl, tetrazolyl, tetrazolinyl, tetrazolidinyl, oxazolyl, oxazolinyl, oxazolidinyl, isoxazolyl, isoxazolinyl, isoxazolidinyl, thiazolyl, thiazolinyl, thiazolidinyl, thiadiazolyl, indolyl, piperidinyl, piperazinyl, oxazinyl, thiazinyl, or morpholinyl;
- R⁵ represents hydrogen, cyano, fluorine, or chlorine; represents optionally fluorine- and/or chlorine-substituted methyl, ethyl, n- or i-propyl, methoxy, ethoxy, n- or i-propoxy, methylthio, ethylthio, n- or i-propylthio, methylsulphinyl, ethylsulphinyl, methylsulphonyl, ethylsulphonyl, methoxycarbonyl, ethoxycarbonyl, or n- or i-propoxycarbonyl; or represents optionally cyano-, fluorine-, chlorine-, or methyl-substituted cyclopropyl;

- R⁶ represents hydrogen; represents optionally cyano-, fluorine-, chlorine-, methoxy-, or ethoxy-substituted methyl, ethyl, n- or i-propyl, n-, i-, s-, or t-butyl; represents optionally fluorine- or chlorine-substituted propenyl, butenyl, propynyl, or butynyl; represents optionally fluorine-, chlorine-, or methyl-substituted cyclopropyl, cyclobutyl, cyclopentyl, or cyclohexyl; or represents optionally fluorine-, chlorine-, bromine-, methyl-, ethyl-, n- or i-propyl-, trifluoromethyl-, methoxy-, ethoxy-, n- or i-propoxy-, difluoromethoxy-, or trifluoromethoxy-substituted phenyl or phenylmethyl;
- R⁷ represents hydroxyl; represents formyloxy; represents optionally alkyl-, cyano-, fluorine-, chlorine-, methoxy-, ethoxy-, or n- or i-propoxy-substituted methoxy, ethoxy, n- or i-propoxy, acetyloxy, propionyloxy, n- or i-butyroxyloxy, methoxycarbonyloxy, ethoxycarbonyloxy, n- or i-propoxycarbonyloxy, methylaminocarbonyloxy, ethylaminocarbonyloxy, n- or i-propylaminocarbonyloxy, ethoxycarbonylmethoxy, methoxycarbonylmethoxy, methylsulphonyloxy, ethylsulphonyloxy, or n- or i-propylsulphonyloxy; represents optionally fluorine- and/or chlorine-substituted propenyloxy, butenyloxy, propynyloxy, or butynyloxy; or represents optionally nitro-, cyano-, fluorine-, chlorine-, bromine-, methyl-, ethyl-, n- or i-propyl-, trifluoromethyl-, methoxy-, ethoxy-, n- or i-propoxy-, difluoromethoxy-, or trifluoromethoxy-substituted phenylmethoxy, phenylcarbonyloxy, phenylcarbonylmethoxy, or phenylsulphonyloxy;
- R⁸ represents hydrogen; represents optionally cyano-, fluorine-, chlorine-, methoxy-, ethoxy-, n- or i-propoxy-, acetyl-, propionyl-, methoxycarbonyl-, or ethoxycarbonyl-substituted methyl, ethyl, or n- or i-propyl; represents optionally cyano-, fluorine-, chlorine-, methoxy-, ethoxy-, or n- or i-propoxy-substituted acetyl, propionyl, methoxycarbonyl, or ethoxycarbonyl; represents optionally fluorine- and/or chlorine-substituted methylthio, ethylthio, n- or i-propylthio, n-, i-, s-, or t-butylthio, methylsulphinyl, ethylsulphinyl, methylsulphonyl, or ethylsulphonyl; represents optionally fluorine-, chlorine-, and/or bromine-substituted propenyl, butenyl, propynyl, or butynyl; represents optionally fluorine-, chlorine- or methyl-substituted cyclopropyl, cyclopropylcarbonyl, or cyclopropylmethyl; represents optionally cyano-, nitro-, fluorine-, chlorine-, bromine-, methyl-, ethyl-, n- or i-propyl-, n-, i-, s-, or t-butyl-, trifluoromethyl-, methoxy-, ethoxy-, s- or i-propoxy-, difluoromethoxy-,

or trifluoromethoxy-substituted phenyl, benzoyl, phenoxycarbonyl, benzyl, phenylmethylcarbonyl, or phenylmethoxycarbonyl;

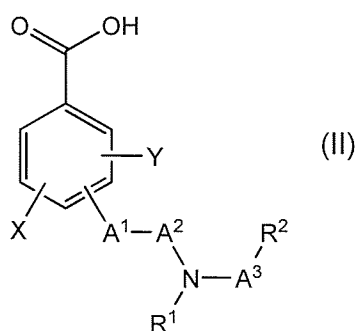
R⁹ represents hydrogen; represents optionally cyano-, fluorine-, chlorine-, methoxy-, ethoxy-, n- or i-propoxy-, acetyl-, propionyl-, methoxycarbonyl-, or ethoxycarbonyl-substituted methyl, ethyl, or n- or i-propyl; represents optionally cyano-, fluorine-, chlorine-, methoxy-, ethoxy-, or n- or i-propoxy-substituted acetyl, propionyl, methoxycarbonyl, or ethoxycarbonyl; represents optionally fluorine- and/or chlorine-substituted methylthio, ethylthio, n- or i-propylthio, n-, i-, s-, or t-butylthio, methylsulphinyl, ethylsulphinyl, methylsulphonyl, or ethylsulphonyl; represents optionally fluorine-, chlorine-, and/or bromine-substituted propenyl, butenyl, propynyl, or butynyl; represents optionally fluorine-, chlorine-, or methyl-substituted cyclopropyl, cyclopropylcarbonyl, or cyclopropylmethyl; or represents optionally cyano-, nitro-, fluorine-, chlorine-, bromine-, methyl-, ethyl-, n- or i-propyl-, n-, i-, s-, or t-butyl-, trifluoromethyl-, methoxy-, ethoxy-, s- or i-propoxy-, difluoromethoxy-, or trifluoromethoxy-substituted phenyl, benzoyl, phenoxycarbonyl, benzyl, phenylmethylcarbonyl, or phenylmethoxycarbonyl; or R^{sup.9} together with R^{sup.2} and the nitrogen to which they are attached represent optionally nitro-, cyano-, fluorine-, chlorine-, bromine-, methyl-, ethyl-, n- or i-propyl-, n-, i-, s-, or t-butyl-, trifluoromethyl-, methoxy-, ethoxy-, n- or i-propoxy-, difluoromethoxy-, or trifluoromethoxy-substituted pyrrolidinyl, oxopyrrolidinyl, pyrrolyl, indolyl, pyrazolyl, oxazolyl, isoxazolyl, dihydropyranyl, piperidinyl, oxopiperidinyl, morpholinyl, thiomorpholinyl, 3-oxomorpholinyl, 3-oxo-thiomorpholinyl, piperazinyl, imidazolyl, imidazolidinyl, oxo-imidazolidinyl, triazol, triazolinyl, tetrazolinyl, or pyridinyl;

R¹⁰ represents hydrogen or formyl; represents optionally cyano-, fluorine-, chlorine-, methoxy-, ethoxy-, n- or i-propoxy-, acetyl-, propionyl-, n- or i-butyroyl-, methoxycarbonyl-, ethoxycarbonyl-, or n- or i-propoxycarbonyl-substituted methyl, ethyl, n- or i-propyl, n-, i-, s-, or t-butyl, n-, i-, s-, or t-pentyl; represents optionally cyano-, fluorine-, chlorine-, methoxy-, ethoxy-, or n- or i-propoxy-substituted acetyl, propionyl, n- or i-butyroyl, methoxycarbonyl, ethoxycarbonyl, n- or i-propoxycarbonyl, methylaminocarbonyl, ethylaminocarbonyl, or n- or i-propylaminocarbonyl; represents dimethylaminocarbonyl; represents optionally fluorine- and/or chlorine-

- substituted methylthio, ethylthio, n- or i-propylthio, n-, i-, s-, or t-butylthio, methylsulphinyl, ethylsulphinyl, methylsulphonyl, or ethylsulphonyl; represents optionally fluorine-, chlorine-, and/or bromine-substituted propenyl, butenyl, propynyl, or butynyl; represents optionally fluorine-, chlorine-, or methyl-substituted cyclopropyl, cyclopropylcarbonyl, or cyclopropylmethyl; represents optionally nitro-, cyano-, fluorine-, chlorine-, bromine-, methyl-, ethyl-, n- or i-propyl-, n-, i-, s-, or t-butyl-, trifluoromethyl-, methoxy-, ethoxy-, n- or i-propoxy-, difluoromethoxy-, or trifluoromethoxy-substituted phenyl, benzoyl, phenoxy carbonyl, phenylaminocarbonyl, benzyl, phenylmethylcarbonyl, or phenylmethoxycarbonyl; or represents optionally nitro-, cyano-, fluorine-, chlorine-, bromine-, methyl-, ethyl-, n- or i-propyl-, n-, i-, s-, or t-butyl-, trifluoromethyl, methoxy-, ethoxy-, n- or i-propoxy-, difluoromethoxy-, or trifluoromethoxy-substituted heterocyclyl, heterocyclylcarbonyl, or heterocyclylalkyl selected from the group consisting of furyl, furylcarbonyl, furylmethyl, thienyl, thienylcarbonyl, thienylmethyl, pyrrolidinyl, pyrrolyl, indolyl, pyrrolylmethyl, pyrazolyl, pyrazolylmethyl, isoxazolyl, piperidinyl, morpholinyl, piperazinyl, pyridinyl, and pyridinylmethyl;
- X represents hydrogen, nitro, cyano, fluorine, chlorine, bromine, iodine, methyl, ethyl, difluoromethyl, trifluoromethyl, dichloromethyl, trichloromethyl, methoxymethyl, methylthiomethyl, methylsulphinylmethyl, methylsulphonylmethyl, methoxy, ethoxy, difluoromethoxy, trifluoromethoxy, methylthio, ethylthio, methylsulphinyl, ethylsulphinyl, methylsulphonyl, ethylsulphonyl, or dimethylaminosulphonyl;
- Y represents hydrogen, nitro, cyano, fluorine, chlorine, bromine, iodine, methyl, ethyl, difluoromethyl, trifluoromethyl, dichloromethyl, trichloromethyl, methoxymethyl, methylthiomethyl, methylsulphinylmethyl, methylsulphonylmethyl, methoxy, ethoxy, difluoromethoxy, trifluoromethoxy, methylthio, ethylthio, methylsulphinyl, ethylsulphinyl, methylsulphonyl, ethylsulphonyl, or dimethylaminosulphonyl, and
- m represents the number 0 or 2.

Claim 22. (Withdrawn) A process for preparing a compound of formula (I) according to Claim 18 comprising

(a) reacting a carboxylic acid of formula (II)



in which A^1 , A^2 , A^3 , R^1 , R^2 , X , and Y are as defined for formula (I) in Claim 18,

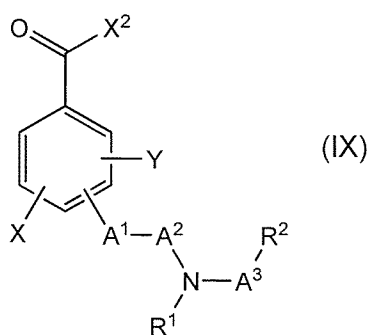
or an alkali metal, alkaline earth metal, or ammonium salt thereof,
with a compound of formula (III)



in which Z is as defined for formula (I) in Claim 18,

or

(b) reacting a carboxylic acid derivative of formula (IX)



in which

A^1 , A^2 , A^3 , R^1 , R^2 , X , and Y are as defined for formula (I) in Claim 18,

and

X^2 represents CN or halogen,

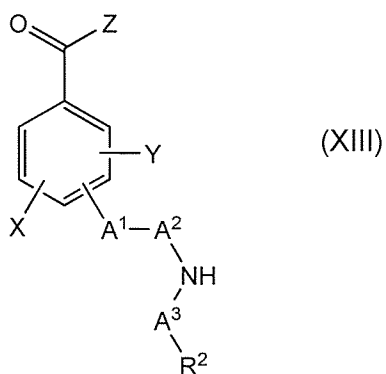
with a compound of formula (III)



in which Z is as defined for formula (I) in Claim 18,

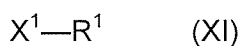
or

(c) reacting a compound of formula (XIII)



in which A^1 , A^2 , A^3 , R^1 , R^2 , X, and Y are as defined for formula (I) in Claim 18,

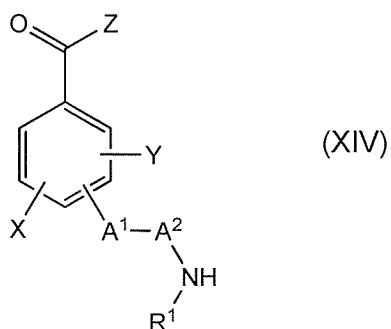
with a compound of formula (XI)



in which R^1 is as defined for formula (I) in claim 18, and X^1 represents halogen, arylsulphonate, or alkylsulphonate,

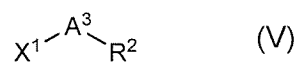
or

(d) reacting a compound of formula (XIV)



in which A^1 , A^2 , R^1 , X, Y, and Z are as defined for formula (I) in Claim 18,

with a compound of formula (V)



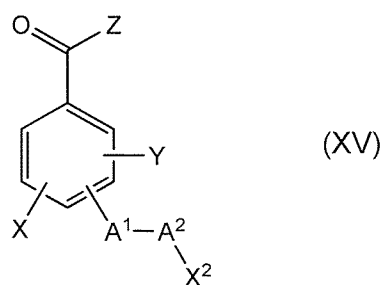
in which

A^3 and R^2 are as defined for formula (I) in Claim 18, and

X^1 represents halogen or tosylate,

or

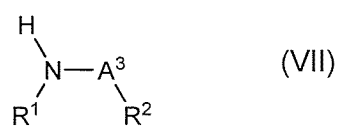
(e) reacting a compound of formula (XV)



in which

A^1 , A^2 , X, Y, and Z are as defined for formula (I) in Claim 18, and X^2 represents halogen or tosylate,

with a compound of formula (VII)



in which A^3 , R^1 , and R^2 are as defined for formula (I) in Claim 18, optionally in the presence of one or more reaction auxiliaries and optionally in the presence of one or more diluents.

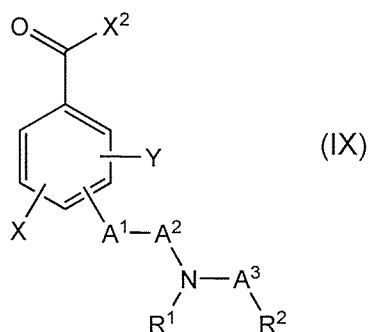
Claim 23. (Withdrawn) A process according to claim 22 in which in alternative (b) X^2 of formula (IX) represents Cl, Br, I, imidazolyl, or triazolyl.

Claim 24. (Withdrawn) A process according to claim 22 in which in alternative (c) X^1 of formula (XI) represents chlorine, bromine, iodine, mesylate, or tosylate.

Claim 25. (Withdrawn) A process according to claim 22 in which in alternative (d) X^1 of formula (V) represents chlorine, bromine, or tosylate.

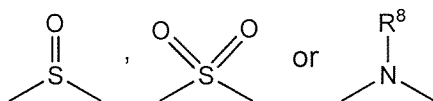
Claim 26. (Withdrawn) A process according to claim 22 in which in alternative (e) X^2 of formula (XV) represents chlorine, bromine, or tosylate.

Claim 27. (Withdrawn, Previously presented) A compound of formula (IX)



in which

A¹ represents O or S, or represents a group

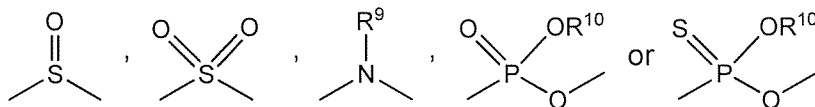


where

R⁸ represents hydrogen; represents optionally substituted alkyl, alkylcarbonylalkyl, alkoxycarbonylalkyl, alkylthio, alkylsulphinyl, alkylsulphonyl, alkenyl, alkenylcarbonylalkyl, alkenyloxycarbonylalkyl, alkynyl, alkynylcarbonylalkyl, alkynyloxycarbonylalkyl, cycloalkyl, cycloalkylcarbonylalkyl, cycloalkyloxycarbonylalkyl, cycloalkylalkyl, cycloalkylalkylcarbonylalkyl, cycloalkylalkoxycarbonylalkyl, aryl, arylcarbonylalkyl, aryloxycarbonylalkyl, arylalkyl, arylalkylcarbonylalkyl, or arylalkoxycarbonylalkyl,

A² represents alkanediyl, alkenediyl, or alkynediyl,

A³ represents O or S or represents a group



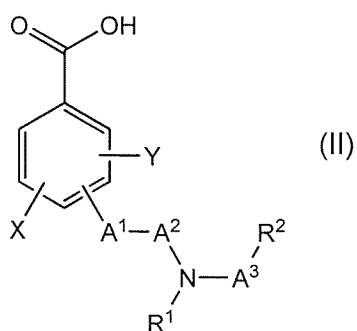
where

R⁹ represents hydrogen; or represents optionally substituted alkyl, alkylcarbonyl, alkoxycarbonyl, alkylthio, alkylsulphinyl, alkylsulphonyl, alkenyl, alkenylcarbonyl, alkenyloxycarbonyl, alkynyl, alkynylcarbonyl, alkynyloxycarbonyl, cycloalkyl, cycloalkylcarbonyl, cycloalkyloxycarbonyl, cycloalkylalkyl, cycloalkylalkylcarbonyl, cycloalkylalkoxycarbonyl, aryl, arylcarbonyl, aryloxycarbonyl, arylalkyl, arylalkylcarbonyl, arylalkoxycarbonyl, heterocyclyl, heterocyclylcarbonyl, or heterocyclylalkyl; or R⁹ together with R² and

the nitrogen to which they are attached represent an optionally substituted heterocycle, and

- R¹⁰ represents hydrogen; represents formyl; or represents optionally substituted alkyl, alkylcarbonyl, alkoxycarbonyl, alkylaminocarbonyl, dialkylaminocarbonyl, alkenyl, alkenylcarbonyl, alkenyloxycarbonyl, alkynyl, alkynylcarbonyl, alkynyloxycarbonyl, cycloalkyl, cycloalkylcarbonyl, cycloalkyloxycarbonyl, cycloalkylaminocarbonyl, cycloalkylalkyl, aryl, arylcarbonyl, aryloxycarbonyl, arylaminocarbonyl, arylalkyl, arylalkylcarbonyl, arylalkoxycarbonyl, heterocyclyl, heterocyclylcarbonyl, or heterocyclylalkyl,
- R¹ represents hydrogen; or represents optionally substituted alkyl, alkylthio, alkylsulphinyl, alkylsulphonyl, alkenyl, alkynyl, cycloalkyl, cycloalkylalkyl, aryl, arylalkyl, arylcarbonylalkyl, heterocyclyl, or heterocyclylalkyl,
- R² represents hydrogen; represents formyl; or represents optionally substituted alkyl, alkylcarbonyl, alkoxycarbonyl, alkylaminocarbonyl, dialkylaminocarbonyl, alkenyl, alkenylcarbonyl, alkenyloxycarbonyl, alkynyl, alkynylcarbonyl, alkynyloxycarbonyl, cycloalkyl, cycloalkylcarbonyl, cycloalkyloxycarbonyl, cycloalkylaminocarbonyl, cycloalkylalkyl, aryl, arylcarbonyl, aryloxycarbonyl, arylaminocarbonyl, arylalkyl, arylalkylcarbonyl, arylalkoxycarbonyl, heterocyclyl, heterocyclylcarbonyl, or heterocyclylalkyl,
- X represents hydrogen, nitro, cyano, carboxyl, carbamoyl, thiocarbamoyl, or halogen; or represents optionally substituted alkyl, alkoxy, alkylthio, alkylsulphinyl, alkylsulphonyl, alkylamino, dialkylamino, or dialkylaminosulphonyl,
- Y represents hydrogen, nitro, cyano, carboxyl, carbamoyl, thiocarbamoyl, or halogen; or represents optionally substituted alkyl, alkoxy, alkylthio, alkylsulphinyl, alkylsulphonyl, alkylamino, dialkylamino, or dialkylaminosulphonyl, and
- X² represents halogen, cyano, imidazolyl, or triazolyl.

Claim 28. (Withdrawn) A process for preparing a compound of formula (IX) by reacting a carboxylic acid of formula (II)



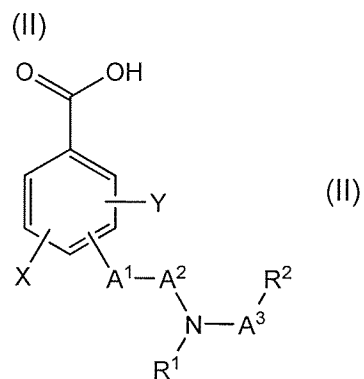
in which A^1 , A^2 , A^3 , R^1 , R^2 , X , and Y are as defined for formula (IX) of Claim 27,

with an activating reagent,

optionally in the presence of one or more reaction auxiliaries and optionally in the presence of one or more diluents.

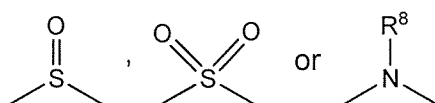
Claim 29. (Withdrawn, Previously presented)

A compound of formula



in which

A^1 represents O or S, or represents a group



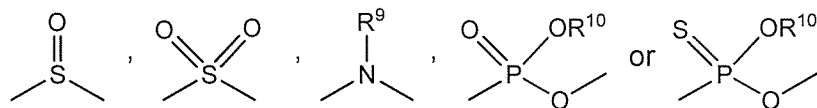
where

R^8 represents hydrogen; represents optionally substituted alkyl, alkylcarbonylalkyl, alkoxy carbonylalkyl, alkylthio, alkylsulphanyl, alkylsulphonyl, alkenyl, alkenylcarbonylalkyl, alkenyloxycarbonylalkyl, alkynyl, alkynylcarbonylalkyl, alkynyloxycarbonylalkyl, cycloalkyl, cycloalkylcarbonylalkyl, cycloalkyloxycarbonylalkyl, cycloalkylalkyl, cycloalkylalkylcarbonylalkyl, cycloalkylalkoxy carbonylalkyl, aryl,

arylcarbonylalkyl, aryloxy carbonylalkyl, arylalkyl, arylalkylcarbonylalkyl, or arylalkoxy carbonylalkyl,

A² represents alkanediyl, alkenediyl, or alkynediyl,

A³ represents O or S or represents a group



where

R⁹ represents hydrogen; or represents optionally substituted alkyl, alkylcarbonyl, alkoxy carbonyl, alkylthio, alkylsulphinyl, alkylsulphonyl, alkenyl, alkenylcarbonyl, alkenyloxy carbonyl, alkynyl, alkynylcarbonyl, alkynyloxy carbonyl, cycloalkyl, cycloalkylcarbonyl, cycloalkyloxy carbonyl, cycloalkylalkyl, cycloalkylalkylcarbonyl, cycloalkylalkoxy carbonyl, aryl, arylcarbonyl, aryloxy carbonyl, arylalkyl, arylalkylcarbonyl, arylalkoxy carbonyl, heterocyclyl, heterocyclylcarbonyl, or heterocyclylalkyl; or R⁹ together with R² and the nitrogen to which they are attached represent an optionally substituted heterocycle, and

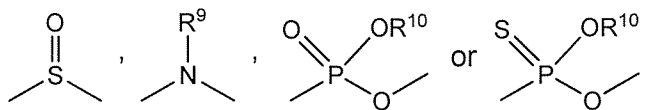
R¹⁰ represents hydrogen; represents formyl; or represents optionally substituted alkyl, alkylcarbonyl, alkoxy carbonyl, alkylaminocarbonyl, dialkylaminocarbonyl, alkenyl, alkenylcarbonyl, alkenyloxy carbonyl, alkynyl, alkynylcarbonyl, alkynyloxy carbonyl, cycloalkyl, cycloalkylcarbonyl, cycloalkyloxy carbonyl, cycloalkylaminocarbonyl, cycloalkylalkyl, aryl, arylcarbonyl, aryloxy carbonyl, arylaminocarbonyl, arylalkyl, arylalkylcarbonyl, arylalkoxy carbonyl, heterocyclyl, heterocyclylcarbonyl, or heterocyclylalkyl,

R¹ represents hydrogen; or represents optionally substituted alkyl, alkylthio, alkylsulphinyl, alkylsulphonyl, alkenyl, alkynyl, cycloalkyl, cycloalkylalkyl, aryl, arylalkyl, arylcarbonylalkyl, heterocyclyl, or heterocyclylalkyl,

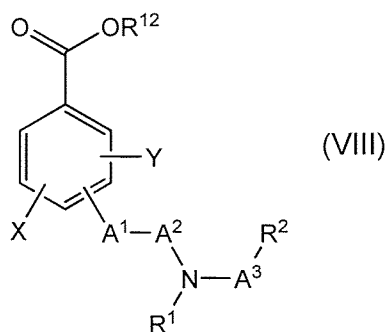
R² represents hydrogen; represents formyl; or represents optionally substituted alkyl, alkylcarbonyl, alkoxy carbonyl, alkylaminocarbonyl, dialkylaminocarbonyl, alkenyl, alkenylcarbonyl, alkenyloxy carbonyl, alkynyl, alkynylcarbonyl, alkynyloxy carbonyl, cycloalkyl, cycloalkylcarbonyl, cycloalkyloxy carbonyl, cycloalkylaminocarbonyl, cycloalkylalkyl, aryl,

- arylcarbonyl, aryloxy carbonyl, arylaminocarbonyl, arylalkyl, arylalkylcarbonyl, arylalkoxy carbonyl, heterocyclyl, heterocyclylcarbonyl, or heterocyclylalkyl,
- X represents hydrogen, nitro, cyano, carboxyl, carbamoyl, thiocarbamoyl, or halogen; or represents optionally substituted alkyl, alkoxy, alkylthio, alkylsulphinyl, alkylsulphonyl, alkylamino, dialkylamino, or dialkylaminosulphonyl, and
- Y represents hydrogen, nitro, cyano, carboxyl, carbamoyl, thiocarbamoyl, or halogen; or represents optionally substituted alkyl, alkoxy, alkylthio, alkylsulphinyl, alkylsulphonyl, alkylamino, dialkylamino, or dialkylaminosulphonyl, except for the compounds 3,4-difluoro-2-(N-methyl-N-methylsulphonylaminomethyl)benzoic acid, 2-(N-methyl-N-methylsulphonylaminomethyl)-4-trifluoromethylbenzoic acid, 4-fluoro-2-(N-methyl-N-methylsulphonylaminomethyl)benzoic acid, 2-(N-methyl-N-methylsulphonylaminomethyl)benzoic acid, 4-chloro-2-(N-methyl-N-methylsulphonylaminomethyl)benzoic acid, 4-chloro-3-fluoro-2-(N-methyl-N-methylsulphonylaminomethyl)benzoic acid, 4-chloro-3-(N-methyl-N-methylsulphonylaminomethyl)-2-methylthiobenzoic acid, and 2-chloro-3-(methylsulphonylaminomethyl)-4-methylsulphonylbenzoic acid.

Claim 30. (Withdrawn) A compound according to Claim 29 in which A³ represents O, S, or a group



Claim 31. (Withdrawn) A process for preparing a compound of formula (II) according to Claim 29 comprising reacting a compound of formula (VIII)



in which

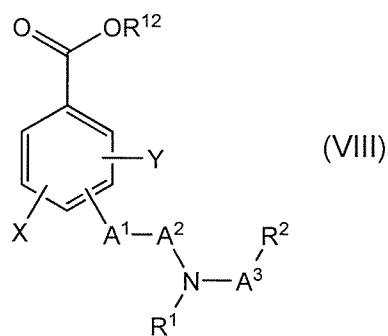
A¹, A², A³, R¹, R², X, and Y are as defined for formula (II) of Claim 29, and

R¹² represents C₁-C₄-alkyl or represents allyl or benzyl,

under reductive or alkaline conditions in the presence of one or more reaction auxiliaries and optionally in the presence of one or more diluents.

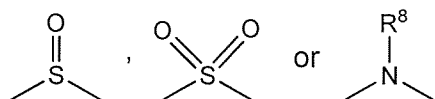
Claim 32. (Withdrawn) A process according to claim 31 in which R¹² represents methyl, ethyl, n- or i-propyl, or n-, s-, i-, or t-butyl.

Claim 33. (Withdrawn, Previously presented) A compound of formula (VIII)



in which

A¹ represents O or S, or represents a group

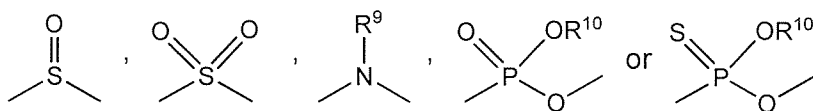


where

R⁸ represents hydrogen; represents optionally substituted alkyl, alkylcarbonylalkyl, alkoxycarbonylalkyl, alkylthio, alkylsulphinyl, alkylsulphonyl, alkenyl, alkenylcarbonylalkyl, alkenyloxycarbonylalkyl, alkynyl, alkynylcarbonylalkyl, alkynyloxycarbonylalkyl, cycloalkyl, cycloalkylcarbonylalkyl, cycloalkyloxycarbonylalkyl, cycloalkylalkyl, cycloalkylalkylcarbonylalkyl, cycloalkylalkoxycarbonylalkyl, aryl, arylcarbonylalkyl, aryloxycarbonylalkyl, arylalkyl, arylalkylcarbonylalkyl, or arylalkoxycarbonylalkyl,

A² represents alkanediyl, alkenediyl, or alkynediyl,

A³ represents O or S or represents a group



where

R^9 represents hydrogen; or represents optionally substituted alkyl, alkylcarbonyl, alkoxycarbonyl, alkylthio, alkylsulphinyl, alkylsulphonyl, alkenyl, alkenylcarbonyl, alkenyloxycarbonyl, alkynyl, alkynylcarbonyl, alkynyloxycarbonyl, cycloalkyl, cycloalkylcarbonyl, cycloalkyloxycarbonyl, cycloalkylalkyl, cycloalkylalkylcarbonyl, cycloalkylalkoxycarbonyl, aryl, arylcarbonyl, aryloxycarbonyl, arylalkyl, arylalkylcarbonyl, arylalkoxycarbonyl, heterocyclyl, heterocyclylcarbonyl, or heterocyclylalkyl; or R^9 together with R^2 and the nitrogen to which they are attached represent an optionally substituted heterocycle, and

R^{10} represents hydrogen; represents formyl; or represents optionally substituted alkyl, alkylcarbonyl, alkoxycarbonyl, alkylaminocarbonyl, dialkylaminocarbonyl, alkenyl, alkenylcarbonyl, alkenyloxycarbonyl, alkynyl, alkynylcarbonyl, alkynyloxycarbonyl, cycloalkyl, cycloalkylcarbonyl, cycloalkyloxycarbonyl, cycloalkylaminocarbonyl, cycloalkylalkyl, aryl, arylcarbonyl, aryloxycarbonyl, arylaminocarbonyl, arylalkyl, arylalkylcarbonyl, arylalkoxycarbonyl, heterocyclyl, heterocyclylcarbonyl, or heterocyclylalkyl,

R^1 represents hydrogen; or represents optionally substituted alkyl, alkylthio, alkylsulphinyl, alkylsulphonyl, alkenyl, alkynyl, cycloalkyl, cycloalkylalkyl, aryl, arylalkyl, arylcarbonylalkyl, heterocyclyl, or heterocyclylalkyl,

R^2 represents hydrogen; represents formyl; or represents optionally substituted alkyl, alkylcarbonyl, alkoxycarbonyl, alkylaminocarbonyl, dialkylaminocarbonyl, alkenyl, alkenylcarbonyl, alkenyloxycarbonyl, alkynyl, alkynylcarbonyl, alkynyloxycarbonyl, cycloalkyl, cycloalkylcarbonyl, cycloalkyloxycarbonyl, cycloalkylaminocarbonyl, cycloalkylalkyl, aryl, arylcarbonyl, aryloxycarbonyl, arylaminocarbonyl, arylalkyl, arylalkylcarbonyl, arylalkoxycarbonyl, heterocyclyl, heterocyclylcarbonyl, or heterocyclylalkyl,

X represents hydrogen, nitro, cyano, carboxyl, carbamoyl, thiocarbamoyl, or halogen; or represents optionally substituted alkyl, alkoxy, alkylthio,

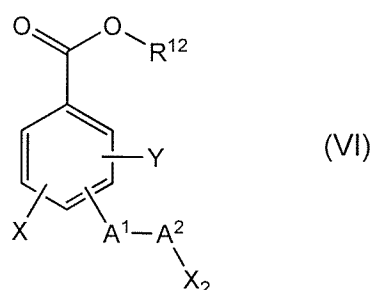
alkylsulphinyl, alkylsulphonyl, alkylamino, dialkylamino, or dialkylaminosulphonyl,

Y represents hydrogen, nitro, cyano, carboxyl, carbamoyl, thiocarbamoyl, or halogen; or represents optionally substituted alkyl, alkoxy, alkylthio, alkylsulphinyl, alkylsulphonyl, alkylamino, dialkylamino, or dialkylaminosulphonyl, and

R¹² represents C₁-C₄-alkyl, allyl, or benzyl.

Claim 34. (Withdrawn) A process for preparing a compound of formula (VIII) according to Claim 33 comprising

(h) reacting a compound of formula (VI)

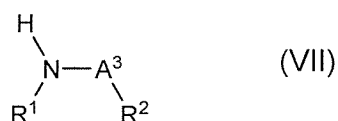


in which

A¹, A², X, and Y are as defined for formula (VIII) of Claim 33, and

R¹² represents C₁-C₄-alkyl or represents allyl or benzyl,

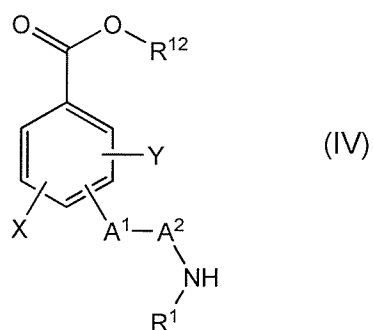
with a compound of formula (VII)



optionally in the presence of one or more reaction auxiliaries and optionally in the presence of one or more diluents,

or

(i) reacting a compound of formula (IV)

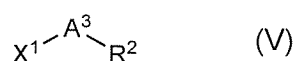


in which

A^1 , A^2 , R^1 , X and Y are as defined for formula (VIII) of Claim 33, and

R^{12} represents C_1 - C_4 -alkyl or represents allyl or benzyl,

with a compound of formula (V)



in which

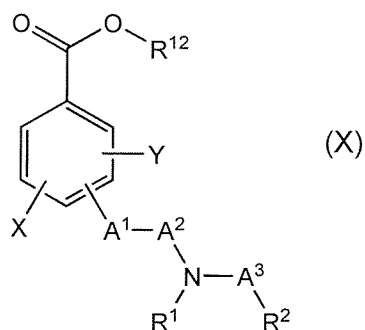
A^3 and R^2 are as defined for formula (VIII) of Claim 33, and

X^1 represents halogen,

optionally in the presence of one or more reaction auxiliaries and optionally in the presence of one or more diluents,

or

(j) reacting a compound of formula (X)



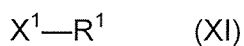
in which

A^1 , A^2 , A^3 , R^2 , X, and Y are as defined for formula (VIII) of Claim 33,

and

R^{12} represents C_1 - C_4 -alkyl or represents allyl or benzyl,

with a compound of formula (XI)



in which

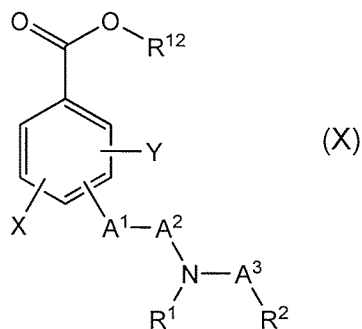
R^1 is as defined for formula (VIII) of Claim 33, and

X^1 represents halogen,

optionally in the presence of one or more reaction auxiliaries and optionally in the presence of one or more diluents,

or

(k) reacting a compound of formula (X)



in which

A^1 , A^2 , A^3 , R^2 , X , and Y are as defined for formula (VIII) of Claim 33,

and

R^{12} represents C_1 - C_4 -alkyl,

with a compound of formula (XII)



in which $R^{11'}$ and R^{11} independently of one another represent hydrogen; represent optionally cyano-, halogen-, C_1 - C_4 -alkoxy-, C_1 - C_4 -alkylthio-, C_1 - C_4 -alkylsulphinyl-, or C_1 - C_4 -alkylsulphonyl-substituted alkyl having 1 to 6 carbon atoms; represent optionally cyano- or halogen-substituted alkenyl or alkynyl having in each case 3 to 6 carbon atoms; represent optionally cyano-, halogen-, or C_1 - C_4 -alkyl-substituted cycloalkyl or cycloalkylalkyl having in each case 3 to 6 carbon atoms in the cycloalkyl group and, if appropriate, 1 to 4 carbon atoms in the alkyl moiety; or represent optionally nitro-, cyano-, halogen-, C_1 - C_4 -alkyl-, C_1 - C_4 -haloalkyl-, C_1 - C_4 -alkoxy-, C_1 - C_4 -haloalkoxy-, C_1 - C_4 -alkylthio-, C_1 - C_4 -haloalkylthio-, C_1 - C_4 -alkylsulphinyl-, C_1 - C_4 -haloalkylsulphinyl-, C_1 - C_4 -alkylsulphonyl-, or C_1 - C_4 -haloalkylsulphonyl-substituted aryl or arylalkyl having in each case 6 or 10 carbon atoms in the aryl group and, if appropriate, 1 to 4 carbon atoms in the alkyl moiety, in the presence of a reducing agent,

optionally in the presence of one or more reaction auxiliaries and optionally in the presence of one or more diluents.

Claim 35. (Withdrawn) A process according to claim 34 in which in alternative (h) R^{12} of formula (VI) represents methyl, ethyl, n-, i-propyl, or n-, s-, i-, t-butyl.

Claim 36. (Withdrawn) A process according to claim 34 in which in alternative (i) R^{12} of formula (IV) represents methyl, ethyl, n- or i-propyl, or n-, s-, i-, or t-butyl.

Claim 37. (Withdrawn) A process according to claim 34 in which in alternative (i) X^1 of formula (V) represents fluorine, chlorine, bromine, or iodine.

Claim 38. (Withdrawn) A process according to claim 34 in which in alternative (j) R^{12} of formula (X) represents methyl, ethyl, n- or i-propyl, or n-, s-, i-, or t-butyl.

Claim 39. (Withdrawn) A process according to claim 34 in which in alternative (j) X^1 of formula (XI) represents fluorine, chlorine, bromine, or iodine.

Claim 40. (Withdrawn) A process according to claim 34 in which in alternative (k) R^{12} of formula (X) represents methyl, ethyl, n- or i-propyl, or n-, s-, i-, or t-butyl.

Claim 41. (Withdrawn) A process according to claim 34 in which in alternative (k) the reducing agent is a borane or a BH_3 adduct.

Claim 42. (Previously Presented) A pesticide comprising one or more compounds of formula (I) according to claim 18 and one or more extenders and/or surfactants.

Claim 43. (Withdrawn) A pesticide comprising a compound of formula (II) according to claim 29 and one or more extenders and/or surfactants.

Claim 44. (Withdrawn) A pesticide comprising a compound of formula (VIII) according to claim 33 and one or more extenders and/or surfactants.

Claim 45. (Withdrawn) A method for controlling pests comprising allowing an effective amount of a compound of formula (I) according to claim 18 to act on pests and/or their habitat.

Claim 46. (Withdrawn) A method for controlling pests comprising allowing an effective amount of a compound of formula (II) according to claim 29 to act on pests and/or their habitat.

Claim 47. (Withdrawn) A method for controlling pests comprising allowing an effective amount of a compound of formula (VIII) according to claim 33 to act on pests and/or their habitat.

Claim 48. (Previously Presented) A process for preparing a pesticide comprising mixing one or more compounds of formula (I) according to claim 18 with one or more extenders and/or surfactants.

Claim 49. (Withdrawn) A process for preparing a pesticide comprising mixing one or more compounds of formula (II) according to claim 29 with one or more extenders and/or surfactants.

Claim 50. (Withdrawn) A process for preparing a pesticide comprising mixing one or more compounds of formula (VIII) according to claim 33 with one or more extenders and/or surfactants.